

In-Delta Storage				Base (Daily)	Scenarios:								
Specific Reporting Metrics					1		2		3		4		
					Value	Value	Difference	Value	Difference	Value	Difference	Value	Difference
Island Operation													
Storage													
Webb Tract	End of Sep (monthly average)	(TAF)	Long Term	n/a	22	n/a	14	n/a	13	n/a	3	n/a	
Bacon Island	End of Sep (monthly average)	(TAF)	Long Term	n/a	29	n/a	22	n/a	23	n/a	5	n/a	
Diversions ¹													
Webb Tract	Diversion (annual average)	(TAF/year)	Long Term	n/a	52	n/a	62	n/a	58	n/a	65	n/a	
			Driest Periods	n/a	9	n/a	9	n/a	8	n/a	9	n/a	
Bacon Island	Diversion (annual average)	(TAF/year)	Long Term	n/a	80	n/a	88	n/a	80	n/a	97	n/a	
			Driest Periods	n/a	31	n/a	30	n/a	20	n/a	29	n/a	
Releases ¹													
Webb Tract	Diversion (annual average)	(TAF/year)	Long Term	n/a	44	n/a	54	n/a	50	n/a	57	n/a	
			Driest Periods	n/a	24	n/a	22	n/a	21	n/a	18	n/a	
Bacon Island	Diversion (annual average)	(TAF/year)	Long Term	n/a	71	n/a	79	n/a	72	n/a	89	n/a	
			Driest Periods	n/a	49	n/a	46	n/a	36	n/a	40	n/a	
Water Supply Reliability													
EWA													
IDS Contribution to EWA	Delivered from IDS (annual average) (TAF/year)		Long Term	n/a	n/a	n/a	26	n/a	28	n/a	14	n/a	
			Driest Periods	n/a	n/a	n/a	0	n/a	0	n/a	0	n/a	
Ecosystem													
ERP ²													
IDS Contribution to ERP flows (March thru May)	Flow (annual average)	(TAF/year)	Long Term	n/a	n/a	n/a	n/a	n/a	19	n/a	n/a	n/a	
			Driest Periods	n/a	n/a	n/a	n/a	n/a	0	n/a	n/a	n/a	
% Years Project provides water for specific ERP flow targets	% of Years	(Percent)	Long Term	n/a	n/a	n/a	n/a	n/a	12%	n/a	n/a	n/a	
Water Quality													
San Joaquin River													
Vernalis	DOC (14-day running average ³)	(mg/l)	Long Term	4	4	0	4	0	4	0	4	0	
			90th Percentile ⁴	5	5	n/a	5	n/a	5	n/a	5	n/a	
Delta													
Emmaton	Chlorides (daily average)	(mg/l)	Long Term	255	257	2	257	2	257	2	256	1	
			90th Percentile	664	663	n/a	664	n/a	664	n/a	668	n/a	
	DOC (14-day running average)	(mg/l)	Long Term	2.62	2.65	0.03	2.65	0.03	2.65	0.03	2.64	0.02	
			90th Percentile	3.71	3.70	n/a	3.71	n/a	3.71	n/a	3.70	n/a	
Jersey Point	Chlorides (daily average)	(mg/l)	Long Term	242	246	5	246	4	246	5	243	1	
			90th Percentile	570	580	n/a	580	n/a	581	n/a	578	n/a	
	DOC (14-day running average)	(mg/l)	Long Term	2.88	2.95	0.08	2.95	0.07	2.94	0.07	2.93	0.06	
			90th Percentile	4.22	4.37	n/a	4.30	n/a	4.36	n/a	4.30	n/a	
Bay Area													
Old River at Rock Slough	Chlorides (daily average)	(mg/l)	Long Term	100	101	1	101	1	101	1	101	0	
			90th Percentile	196	197	n/a	197	n/a	197	n/a	198	n/a	
	DOC (14-day running average)	(mg/l)	Long Term	3.31	3.49	0.18	3.48	0.18	3.47	0.16	3.45	0.14	
			90th Percentile	4.95	5.25	n/a	5.18	n/a	5.18	n/a	5.19	n/a	
	Bromate (14-day running average)	(µg/L)	Long Term	5.43	5.54	0.10	3.48	-1.95	5.54	0.11	3.45	-1.98	
			90th Percentile	9.20	5.25	n/a	9.28	n/a	5.18	n/a	5.19	n/a	
	TTHM (14-day running average)	(µg/L)	Long Term	32.63	34.24	1.61	34.37	1.73	34.15	1.52	33.74	1.11	
			90th Percentile	45.54	47.83	n/a	48.25	n/a	47.40	n/a	46.97	n/a	
Los Vaqueros Old River Intake	Chlorides (daily average)	(mg/l)	Long Term	80	81	0.71	81	1	81	1	80	0	
			90th Percentile	157	156	n/a	157	n/a	156	n/a	157	n/a	
	DOC (14-day running average)	(mg/l)	Long Term	3.65	3.96	0.30	3.94	0.29	3.89	0.23	3.92	0.27	
			90th Percentile	5.33	5.79	n/a	5.72	n/a	5.58	n/a	5.74	n/a	
	Bromate (14-day running average)	(µg/L)	Long Term	4.79	4.89	0.11	4.90	0.11	4.88	0.10	4.83	0.04	
			90th Percentile	8.10	8.14	n/a	8.13	n/a	8.10	n/a	8.09	n/a	
	TTHM (14-day running average)	(µg/L)	Long Term	32.83	35.11	2.27	35.14	2.30	34.64	1.80	34.62	1.78	
			90th Percentile	44.56	48.68	n/a	48.55	n/a	47.39	n/a	47.16	n/a	
Delta Export													
Tracy	Chlorides (daily average)	(mg/l)	Long Term	85	86	0	86	0	86	1	85	0	
			90th Percentile	147	146	n/a	147	n/a	147	n/a	147	n/a	
	DOC (14-day running average)	(mg/l)	Long Term	3.74	4.02	0.29	4.02	0.29	3.93	0.19	3.99	0.25	
			90th Percentile	5.15	5.79	n/a	5.75	n/a	5.50	n/a	5.77	n/a	
	Bromate (14-day running average)	(µg/L)	Long Term	5.20	5.31	0.12	5.31	0.12	5.29	0.09	5.28	0.08	
			90th Percentile	8.01	8.07	n/a	8.04	n/a	8.03	n/a	8.06	n/a	
	TTHM (14-day running average)	(µg/L)	Long Term	33.31	35.58	2.26	35.60	2.29	34.88	1.56	35.19	1.88	
			90th Percentile	44.81	48.83	n/a	48.69	n/a	47.21	n/a	48.22	n/a	
Banks	Chlorides (daily average)	(mg/l)	Long Term	73	74	0	74	1	74	1	73	0	
			90th Percentile	137	136	n/a	137	n/a	136	n/a	137	n/a	
	DOC (14-day running average)	(mg/l)	Long Term	3.75	4.16	0.40	4.14	0.39	4.03	0.27	4.11	0.36	
			90th Percentile	5.33	6.18	n/a	6.05	n/a	5.74	n/a	6.07	n/a	
	Bromate (14-day running average)	(µg/L)	Long Term	4.60	4.72	0.13	4.72	0.13	4.69	0.09	4.67	0.07	
			90th Percentile	7.42	7.54	n/a	7.49	n/a	7.44	n/a	7.42	n/a	
	TTHM (14-day running average)	(µg/L)	Long Term	32.17	34.87	2.71	34.85	2.68	34.00	1.83	34.41	2.24	
			90th Percentile	41.94	48.78	n/a	48.16	n/a	45.05	n/a	47.41	n/a	
Operational Flexibility													
Carryover Storage													
Shasta	End of Sep (monthly average)	(TAF)	Long Term	2464	2463	-1	2465	1	2465	1	2464	0	
Oroville	End of Sep (monthly average)	(TAF)	Long Term	1906	1941	35	1938	32	1929	23	1939	32	
Other													
Delta Stage													
San Joaquin River at Webb Tract	Stage (daily minimum)	(ft NGVD)	Minimum	-1.66	-1.66	n/a	-1.66	n/a	-1.66	n/a	-1.66	n/a	
	Stage (change in daily minimum)	(ft NGVD)	10th Percentile	-1.04	-1.04	n/a	-1.04	n/a	-1.04	n/a	-1.04	n/a	
False River at Webb Tract	Stage (daily minimum)	(ft NGVD)	Maximum decrease	n/a	n/a	-0.15	n/a	-0.15	n/a	-0.15	n/a	-0.15	
	Stage (change in daily minimum)	(ft NGVD)	Minimum	-1.67	-1.67	n/a	-1.67	n/a	-1.67	n/a	-1.67	n/a	
Middle River at Bacon Island	Stage (daily minimum)	(ft NGVD)	10th Percentile	-1.06	-1.06	n/a	-1.06	n/a	-1.06	n/a	-1.06	n/a	
	Stage (change in daily minimum)	(ft NGVD)	Maximum decrease	n/a	n/a	-0.16	n/a	-0.16	n/a	-0.16	n/a	-0.16	
Connection Slough at Bacon Island	Stage (daily minimum)	(ft NGVD)	Maximum decrease	-1.77	-1.77	n/a	-1.77	n/a	-1.77	n/a	-1.77	n/a	
	Stage (change in daily minimum)	(ft NGVD)	10th Percentile	-1.22	-1.22	n/a	-1.22	n/a	-1.22	n/a	-1.22	n/a	
Old River at Bacon Island	Stage (daily minimum)	(ft NGVD)	Maximum decrease	n/a	n/a	-0.19	n/a	-0.21	n/a	-0.19	n/a	-0.19	
	Stage (change in daily minimum)	(ft NGVD)	Minimum	-1.76	-1.76	n/a	-1.76	n/a	-1.76	n/a	-1.76	n/a	
Santa Fe Cut at Bacon Island	Stage (daily minimum)	(ft NGVD)	10th Percentile	-1.17	-1.18	n/a	-1.18	n/a	-1.18	n/a	-1.18	n/a	
	Stage (change in daily minimum)	(ft NGVD)	Maximum decrease	n/a	n/a	-0.17	n/a	-0.18	n/a	-0.18	n/a	-0.17	
Middle River at Bacon Island	Stage (daily minimum)	(ft NGVD)	Maximum decrease	-1.72	-1.72	n/a	-1.72	n/a	-1.72	n/a	-1.72	n/a	
	Stage (change in daily minimum)	(ft NGVD)	10th Percentile	-1.13	-1.13	n/a	-1.13	n/a	-1.13	n/a	-1.14	n/a	
Old River at Bacon Island	Stage (daily minimum)	(ft NGVD)	Maximum decrease	n/a	n/a	-0.17	n/a	-0.17	n/a	-0.17	n/a	-0.17	
	Stage (change in daily minimum)	(ft NGVD)	Minimum	-1.75	-1.75	n/a	-1.75	n/a	-1.75	n/a	-1.75	n/a	
Santa Fe Cut at Bacon Island	Stage (daily minimum)	(ft NGVD)	10th Percentile	-1.21	-1.21	n/a	-1.21	n/a	-1.21	n/a	-1.21	n/a	
	Stage (change in daily minimum)	(ft NGVD)	Maximum decrease	n/a	n/a	-0.24	n/a	-0.25	n/a	-0.23	n/a	-0.24	
Delta Flows													
San Joaquin River at Webb Tract	Flow	(cfs)	Maximum downstream	139,812	139,061	n/a	139,061	n/a	139,061	n/a	139,061	n/a	
			Daily average	1,122	1,035	n/a	1,022	n/a	1,031	n/a	1,036	n/a	
			Maximum upstream ⁵	-145,999	-146,242	n/a	-146,242	n/a	-146,242	n/a	-146,242	n/a	
False River at Webb Tract	Flow	(cfs)	Maximum downstream	13,852	13,847	n/a	13,847	n/a	13,847	n/a	13,847	n/a	
			Daily average	-4,342	-4,394	n/a	-4,401	n/a	-4,393	n/a	-4,394	n/a	
			Maximum upstream	-29,135	-30,596	n/a	-30,601	n/a	-30,596	n/a	-30,596	n/a	
Middle River at Bacon Island	Flow	(cfs)	Maximum downstream	19,412	19,282	n/a	19,282	n/a	19,290	n/a	19,282	n/a	
			Daily average	-3,072	-3,163	n/a	-3,172	n/a	-3,166	n/a	-3,161	n/a	
			Maximum upstream	-21,440	-21,922	n/a	-21,921	n/a	-21,922	n/a	-21,923	n/a	
Connection Slough at Bacon Island	Flow	(cfs)	Maximum downstream	12,594	12,406	n/a	12,406	n/a	12,406	n/a	12,406	n/a	
			Daily average	-1,378	-1,377	n/a	-1,377	n/a	-1,376	n/a	-1,375	n/a	
			Maximum upstream	-15,136	-15,187	n/a	-15,187	n/a	-15,187	n/a	-15,187	n/a	
Old River at Bacon Island	Flow	(cfs)	Maximum downstream	21,986	21,869	n/a	21,869	n/a	21,869	n/a	21,869	n/a	
			Daily average	-2,622	-2,701	n/a	-2,708	n/a	-2,703	n/a	-2,697	n/a	
			Maximum upstream	-23,969	-24,312	n/a	-24,312	n/a	-24,313	n/a	-24,314	n/a	
Santa Fe Cut at Bacon Island													

n/a = not applicable

n/m = not modeled

Notes:

- The difference between diversions and releases is due to the water diverted to storage from June through October to offset actual reservoir losses of water stored on the islands, referred to as "topping-off" reservoirs.
- In-Delta Storage helps meet delta ERP flows based on Sacramento valley water hydrologic classification. For 10 days in March, and for 10 days in April/May, flows of 20,000 cfs, 30,000 cfs and 40,000 cfs are maintained for the Dry, Below Normal and Above Normal years.
- 14 day running average is the moving average value of the variable over a 14 day period.
- Percentile is the quantity at which a certain percentage of values is equal to or less than the value shown; differences are not shown for percentile information (i.e. the value associated with a 90th percentile is greater than 90% of the values in the period of record of the simulation)
- Upstream flow is water moving inland away from the Ocean.